Name of Work: Improvements of Roads From Mallikarjuna Swamy Temple to Dhobhighat sy No:33 in Mallasandra Ward No:13

Sl No	Discription of Item	Detailed Measurements No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth								
	Vide premeasurement page no. 01					**164.91**	**Cum**	**291.08**	**48001.34**
	Providing and laying in position to required level or slope of internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including								
	Vide premeasurement page no. 02					**157.00**	**M**	**568.16**	**89201.12**
	Constructing brick masonry circular type manhole 1.22 m internal dia at bottom and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick								
	Vide premeasurement page no. 03					**2.00**	**Nos**	**15587.30**	**31174.60**
	Constructing brick masonry circular type manhole 1.22 m internal dia at bottom and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick								
	Vide premeasurement page no. 04					**5.00**	**Nos**	**25741.04**	**128705.20**
	Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.								
	Vide premeasurement page no. 05					**47.10**	**Cum**	**2183.60**	**102847.56**
	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour								
	Vide premeasurement page no. 06					**117.75**	**Cum**	**128.26**	**15102.62**
	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be								
	Vide premeasurement page no. 07					**567.19**	**Cum**	**214.50**	**121662.37**
	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and								
	Vide premeasurement page no. 08					**398.47**	**Cum**	**57.03**	**22723.67**
	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation								

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Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Vide premeasurement page no. 09					77.31	Cum	5421.90	419172.51
Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed,								
Vide premeasurement page no. 10					8.65	Cum	5627.54	48666.97
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum								
Vide premeasurement page no. 11-12					193.52	Cum	7070.20	1368219.45
Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining								
Vide premeasurement page no. 13-14					11.00	Ton	72326.98	795940.77
Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per								
Vide premeasurement page no. 15					753.42	Cum	344.50	259553.19

NEWZEN CONSULTANT Bangalore
PMC

Assistant Engineer

Asst. Executive Engineer,

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Name of Work: Improvements of Roads From Mallikarjuna Swamy Temple to Dhobighat sy No:33 in Mallasandra Ward No:13

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc.								
	Covering Slab								
	Dhobi Ghat Rd								
	LHS, From Main Road								
	Ch:0.00 to 25.10m	1	25.10	0.90		22.59			
	Culvert								
	Ch:25.10m to 55.10m	1	30.00	0.90		27.00			
	Ch:55.10m to 67.05m	1	11.95	0.90		10.76			
	Ch:67.05 to 83.90m	1	16.90	0.90		15.21			
	Ch:83.90m to 96.40m	1	12.45	0.90		11.21			
	Culvert								
	Ch:96.40m to 126.40m	1	30.00	0.90		27.00			
	Ch:126.40m to 156.40m	1	30.00	0.90		27.00			
	Ch:156.40m to 168.90m	1	12.50	0.90		11.25			
	Ch:168.90m to 179.90m	1	11.00	0.90		9.90			
	Ch:179.90m to 209.90m	1	30.00	0.90		27.00			
	Ch:209.90m to 239.10m	1	29.20	0.90		26.28			
	RHS, From End								
	Ch:0.00 to 9.15m	1	9.15	0.90		8.24			
	Ch:9.15m to 39.15m	1	30.00	0.90		27.00			
	Ch:39.15m to 69.15m	1	30.00	0.90		27.00			
	Ch:669.15m to 86.60m	1	17.45	0.90		15.71			
	Cross Rd 01								
	RHS, From Dhobi Ghat Rd								
	Ch:0.00 to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00 to 36.70m	1	6.20	0.90		5.58		2337.00	
	Deduction of BS Slabs	-1	14.30	0.90		-12.87			
					Present Qty	**312.84**	**Sqm**	**7070.20**	**2211841.37**

731117.60

ASSISTANT EXECUTIVE ENGINEER
KRIDL, BBMP Dasarahalli Sub -Divison
BENGALURU-560 010

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

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Name of Work: Improvements of Roads From Mallikarjuna Swamy Temple to Dhobighat sy No:33 in Mallasandra Ward No:13

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading,								
	Kerb Stone								
	Dhobi Ghat Rd								
	LHS, From Main Road								
	Ch:0.00 to 25.10m	1	25.10			25.10			
	Culvert								
	Ch:25.10m to 55.10m	1	30.00			30.00			
	Ch:55.10m to 67.05m	1	11.95			11.95			
	Ch:67.05 to 83.90m	1	16.90			16.90			
	Ch:83.90m to 96.40m	1	12.45			12.45			
	Culvert								
	Ch:96.40m to 126.40m	1	30.00			30.00			
	Ch:126.40m to 156.40m	1	30.00			30.00			
	Ch:156.40m to 168.90m	1	12.50			12.50			
	Ch:168.90m to 179.90m	1	11.00			11.00			
	Ch:179.90m to 209.90m	1	30.00			30.00			
	Ch:209.90m to 239.10m	1	29.20			29.20			
	RHS, From End								
	Ch:0.00 to 9.15m	1	9.15			9.15			
	Ch:9.15m to 39.15m	1	30.00			30.00			
	Ch:39.15m to 69.15m	1	30.00			30.00			
	Ch:669.15m to 86.60m	1	17.45			17.45			
	Cross Rd 01								
	RHS, From Dhobi Ghat Rd								
	Ch:0.00 to 30.00m	1	30.00			30.00			
	Ch:30.00 to 36.70m	1	6.20			6.20			
	Trees Surrounding								
	Trees	15	4.70			70.50			
						432.40			
					Present Qty	**961.00**	**Nos**	72326.98	69506227.78
								432.48	415613.28

Executive Engineer
Project Division
Dasarahalli Zone, BBMP

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Consultant

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Asst. Exec. Engineer

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Name of Work: Improvements of Roads From Mallikarjuna Swamy Temple to Dhobighat sy No:33 in Mallasandra Ward No:13

Detailed Measurements

Measurement Recorded On:

Sheet No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	Kerb Stone								
	Dhobi Ghat Rd								
	LHS, From Main Road								
	Ch:0.00 to 25.10m	1	25.10		0.35	8.79			
	Culvert								
	Ch:25.10m to 55.10m	1	30.00		0.35	10.50			
	Ch:55.10m to 67.05m	1	11.95		0.35	4.18			
	Ch:67.05 to 83.90m	1	16.90		0.35	5.92			
	Ch:83.90m to 96.40m	1	12.45		0.35	4.36			
	Culvert								
	Ch:96.40m to 126.40m	1	30.00		0.35	10.50			
	Ch:126.40m to 156.40m	1	30.00		0.35	10.50			
	Ch:156.40m to 168.90m	1	12.50		0.35	4.38			
	Ch:168.90m to 179.90m	1	11.00		0.35	3.85			
	Ch:179.90m to 209.90m	1	30.00		0.35	10.50			
	Ch:209.90m to 239.10m	1	29.20		0.35	10.22			
	RHS, From End								
	Ch:0.00 to 9.15m	1	9.15		0.35	3.20			
	Ch:9.15m to 39.15m	1	30.00		0.35	10.50			
	Ch:39.15m to 69.15m	1	30.00		0.35	10.50			
	Ch:669.15m to 86.60m	1	17.45		0.35	6.11			
	Cross Rd 01								
	RHS, From Dhobi Ghat Rd								
	Ch:0.00 to 30.00m	1	30.00		0.35	10.50			
	Ch:30.00 to 36.70m	1	6.20		0.35	2.17			
	Trees Surrounding								
	Trees	15	4.70		0.35	24.68		84.80	12833.63
					Present Qty	**151.34**	**Sqm**	2337.00	353681.58
								Total	**4610525.35**
								KRIDL 4.5%	**207473.64**
								GST 12%	**553263.04**
								Grand Total	**5371262.04**

ASSISTANT EXECUTIVE ENGINEER
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Asst. Engineer

Asst. Exec. Engineer

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